

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph at page 1, line 5 as follows:

The present invention relates to sync patterns, and more particularly, to a method of inserting sync patterns of different lengths in modulated data and a recording medium having sync patterns produced by said method.

Please amend the paragraph at page 2, line 3 as follows:

A (d, k) code must satisfy the constraints that at least d “zeros” are recorded between consecutive “ones”, and no more than k “zeros” are recorded between consecutive “ones”. In, for example, a (1, 7) code there is at least one ~~“zeros”~~ “zero” between “recorded “ones”, and there are no more than seven recorded contiguous “zeros” between recorded “ones”.

Please amend the paragraph at page 2, line 19 as follows:

In the meantime, the EFM+ system is used for recording information on a lately-developed high-density disk, generically called a DVD. In the EFM+ system, a series of 8-bit information words is converted into a series of 16-bit code words. An operation of a coding device adopting the EFM+ system is described below briefly.

Please amend the paragraph at page 3, line 15 as follows:

It is an object of the present to provide a method of generating sync patterns whose length is as short as it can be under a given (d, k) constraints and whose type is distinguishable at the same time, and of inserting the sync patterns in a series of modulated data.

Please amend the paragraph at page 3, line 20 as follows:

It is another object of the present invention to [provided] provide a recording medium storing modulated data which sync patterns whose length is as short as it can be under a given (d,k) constraints and whose type is distinguishable are inserted in.

Please amend the paragraph at page 7, line 24 as follows:

The O's run between successive ones in the sector sync data may be (k+2) instead of (k+3). However, the importance of the sector sync data is greater than the frame sync data is because the sector sync pattern is used for servo control, etc., therefore, the 2T difference is given in the O's run to ensure an enough margin for preventing misinterpretation between the sector sync and the frame one due to severe jitter.